

Figure 1

ZHX3	1:MASKRKSTTPCMIPVKTVVLQDASMEAQPAETLPEGPQQDLPPEASAASSEAQNPSSTD	60
ZHX1	1:MASRRKSTTPCMV-L-ASE-QDPDLE-LISD-LDEGP-PVLTPVENTRAESISSDEEVHE	54

ZHX3	61:GSTLANGHRSTLDGYLYSCKYCDFRSHDMTQFVGHMNSEHTDFNKDPTFVCSGCSFLAKT	120
ZHX1	55:SVDSNDNQNKVKEG-GYECKYCTFQTPDLNMFTFHVDSEHPNVVLNSSYVCVECNFLTKR	113

ZHX3	121:PEGLSLHNATCHSGEASFVWNVAKPDNHVVVEQSIPESTSTPDLAGEPESAEGADGQAEII	180
ZHX1	114:YDALSEHNLKYHPGEENFKLTMVKRNNQTIFEQTINDLTFDGSFVKEENAEQAES-TEVS	172

ZHX3	181:ITKTPIMKIMKGKAEEAKKIHTLKENVPSQPVGEALPKLSTGEMEVREGHSFINGAVPVS	240
ZHX1	173:SSGISISKTPIMKMMKNKVENKRIAVHENSV-EDVPE-EK-ENEIKPDREEIVENPSSSA	229

ZHX3	241:QASASSAKNPHAANGPLIGTVPLPAGIAQFLSLQQQPPVHAQHHVHQPLPTAKALPKVM	300
ZHX1	230:SESNTSTISIVNRIHPSTASTV-VTPAAVLPLGA-QVITAVSAQQNSN--L---IPKVL	280

ZHX3	301:IPLOSSIPTYNAAMDSNSFLKNSFHKFPPKAELEYLTWVTKYPEEOLKIWFITAORLKOG	360
ZHX1	281:IPVNSTIPTYNAALDNNPLLLNTYKFPYPTMSEITVLSAQAKYTEEQIKIWFSAORLKKG	340

ZHX3	361:ISWSPEEIEDARKMFNTVIQSVPQPTITVLNTPLVASAGNVQHLIQAALPGHVVGQPEG	420
ZHX1	341:VSWTPEEEVEARRKMFNTVIQSVPQPTITVLNTPLVASAGNVQHLIQAALPGHVVGQPEG	394

ZHX3	421:TGGGLLVTQPLMANGLQATSSPLPLTVTSVPKQPGVAPINTVCSNTTSAVKVNNAAQSLL	480
ZHX1	395:---GLVLTQVAGTNLPLVT-PIALTVAGVSPQNNIQKSQVPAAQPTAETKPATAAVPTS	450

ZHX3	481:TACPSITSQAFLDASIYKNKKSHEOLSALKGSFCRNOFGOSEVEHLTKTGLSTREVRK	540
ZHX1	451:QSVKHETALVNPDSEFGIRAKKTKEOELAKVSYLKNOFPHDSEIYRLMKITGLTKGEIKK	510

ZHX3	541:WFSDRRYHCRNLKGSRAMIPGDHSSIIIDSVPEVSFSPPSSKVPEVTCIPTTATLATHPSA	600
ZHX1	511:WFSDTRYNORNNSKSNOCLHLNNNDSTTI-I-ID-S-SDETTE-S-PTVGT-A-QP--	557

ZHX3	601:KROSWHOTPDFPTKYKERAPEOLRALESSFAONPLPLDEELDLRLRSETKMTREIDSWF	660
ZHX1	558:K-QSWNPFDPFTPOKFKEKTAEOLRVLOASFLNSSVLTDEELNRLRAOTKLTRREIDAWF	616

ZHX3	661:SERRKKVNAEETKKAEEENASQEEEEEAAEDEGGEEDLASELRVSGENGSSLEMPSSHILAER	720
ZHX1	617: <u>TE-KKKSKALKEEKMEID--ESNAGSSKEAGETSPADE-SGAPKGSTGKICKKT-PE-</u>	670

ZHX3	721:KVSPIKINLKNLRVTEANGRNEIPGLGACDPEDDESNLAEQLPGKVSCKKTAQORHLLR	780
ZHX1	671: <u>OLHMLKSAF--VR-TOWPSPEEYDKLAK-ESGLARTD-IVSWF-GDTRYAWK-NG-NLK</u>	722

ZHX3	781:OLFVOTOWPSNODYDSIMAOTGLPRPEVWRFGDSRYALKNGOLKYEDYKRGNFPPGLL	840
ZHX1	723:YYYYQSANSSSMNGLSSLRKRGCRPKGRGR-GRPR-CRPRGS-KRINNWDRG--PSLI	776

ZHX3	841:VIAPGNRELLODYYMTHKMLYEEIDLNLCDKTOMSSOOVKOWFAEKMEETRAVADTGSE	900
ZHX1	777: <u>KFKTGT-AILKDYYLHKFLNEODLDELVNKSHMGYEOVREWFAERORRSELGI-EL-FE</u>	833

ZHX3	901:DOGPGTGELTAVHKGMGDTYSEVSENSESWEPRVPEASSEFDTSSPQAGRQLETD	956
ZHX1	834:ENE-EEDEV--ID-DQEED-EEETDDSDTWEP--PRHVKRKLSSKDD	873

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Figure 2

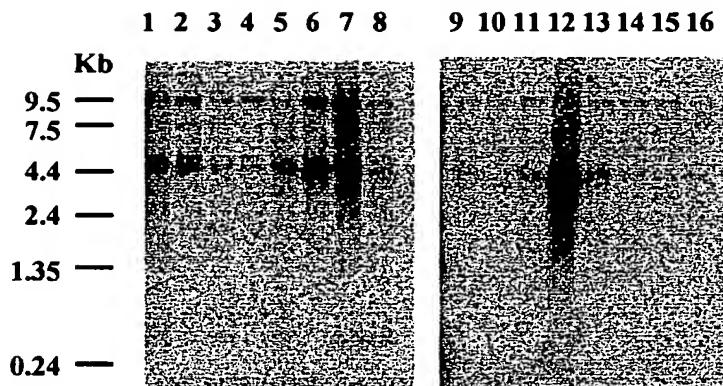
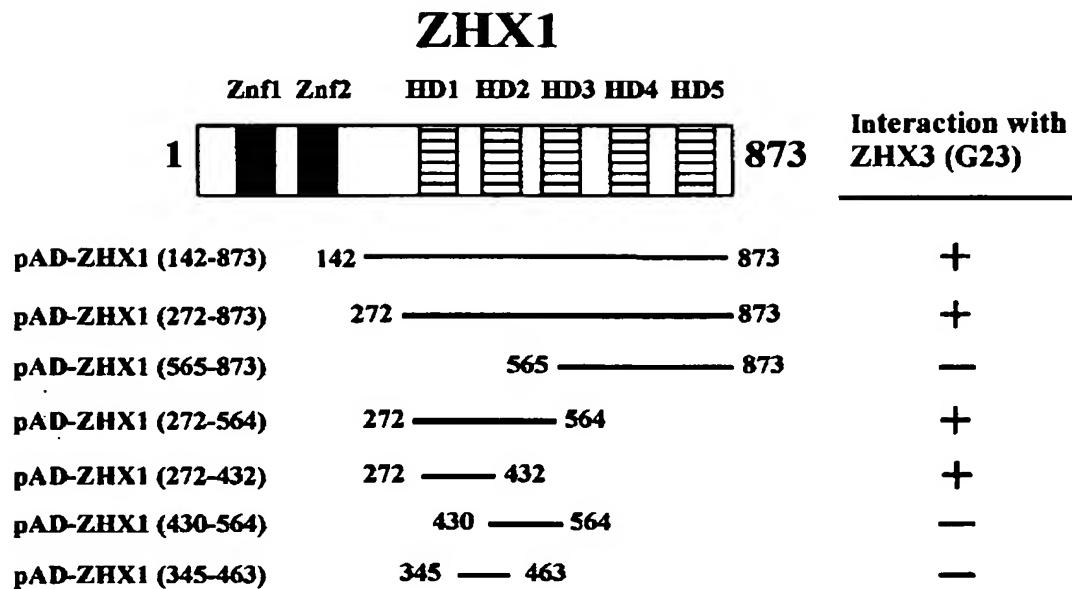


Figure 3



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Figure 4

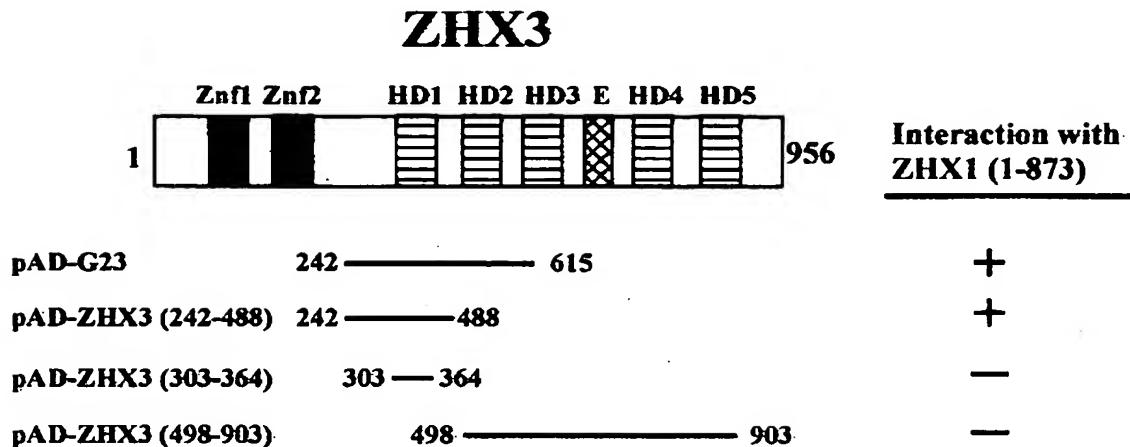


Figure 5

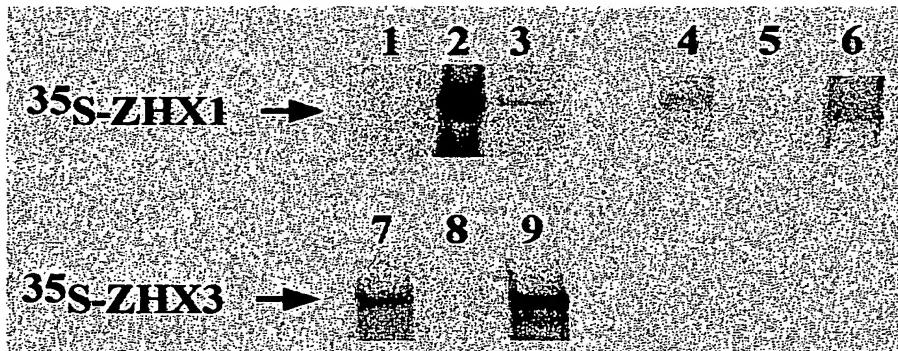
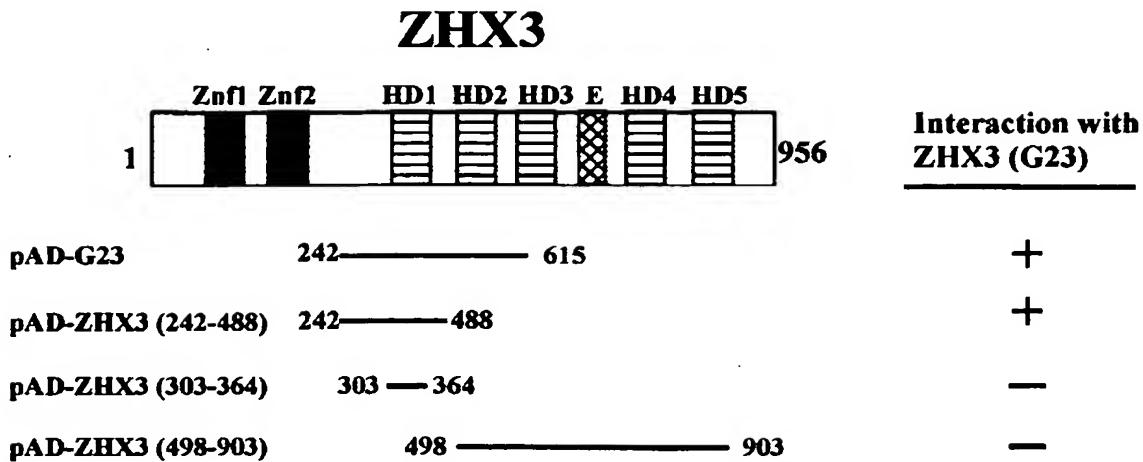


Figure 6



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Figure 7

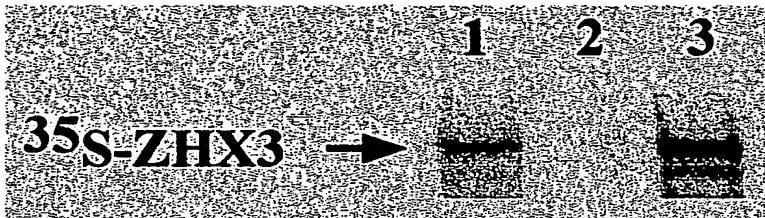


Figure 8

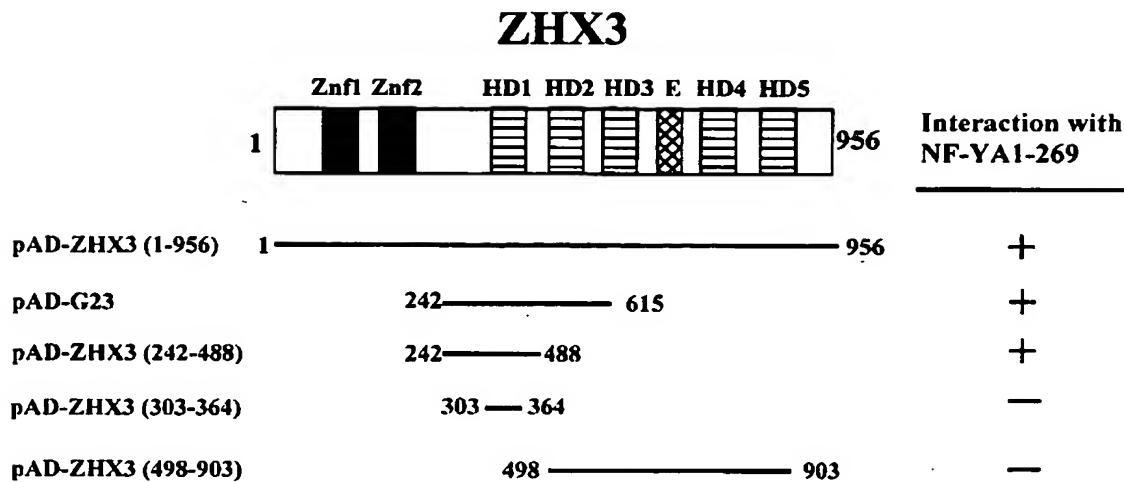
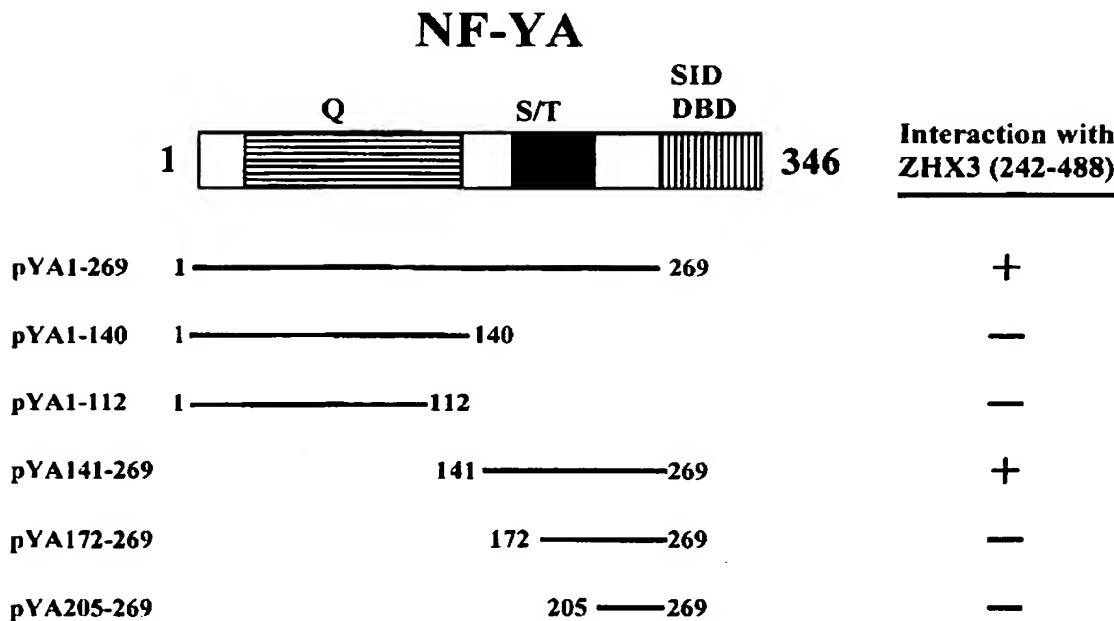


Figure 9



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Figure 10

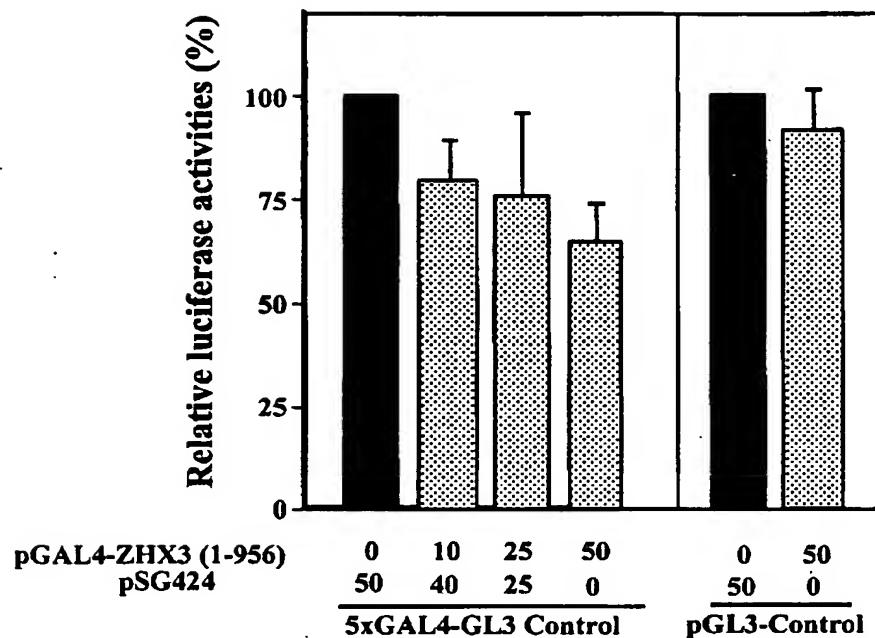
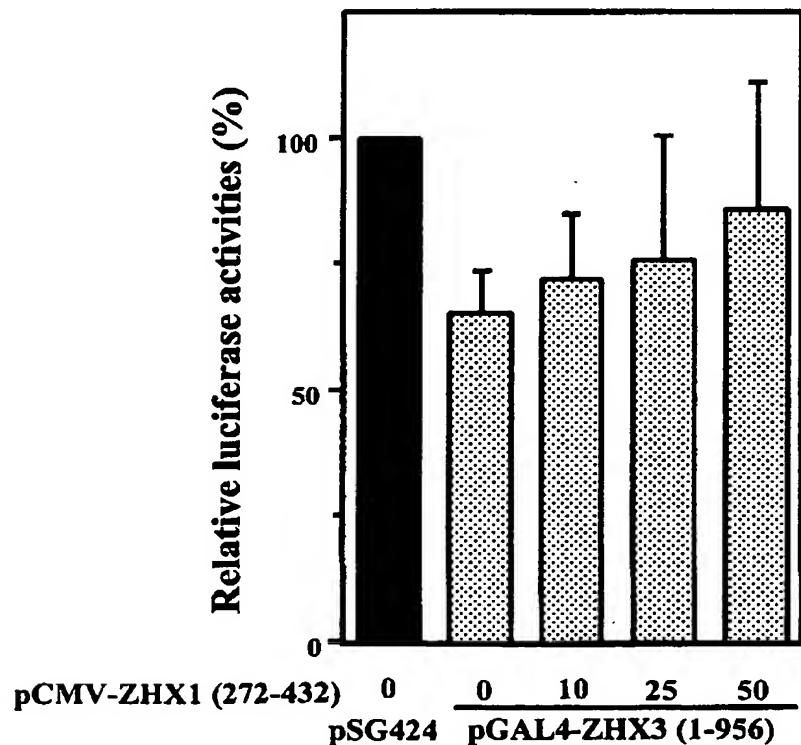
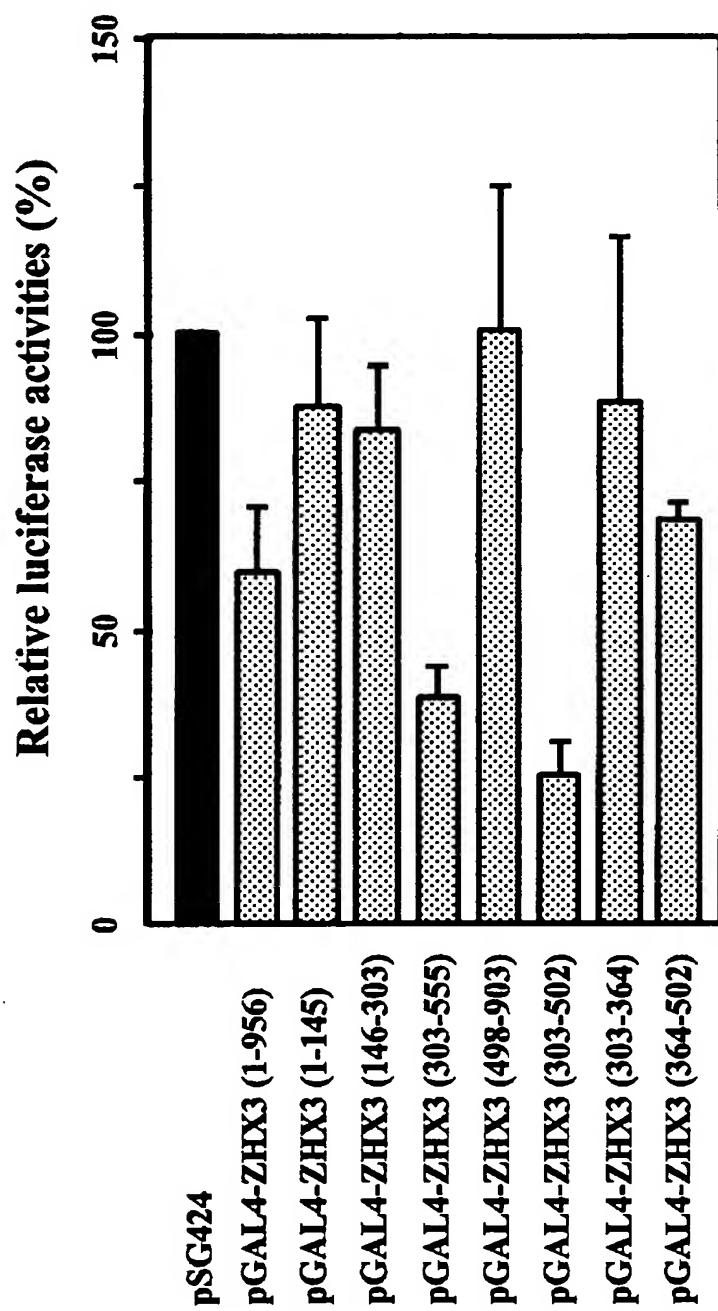


Figure 11



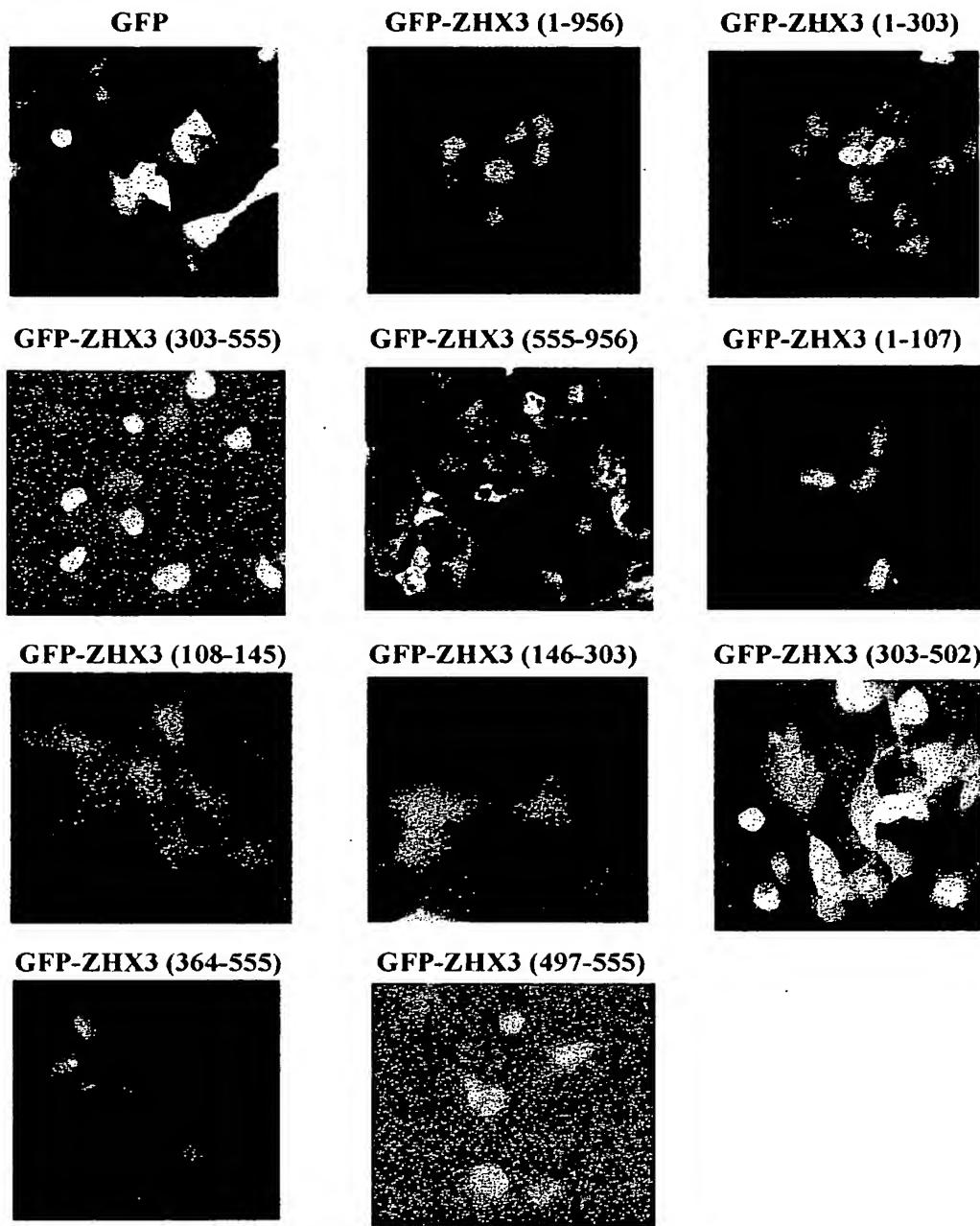
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Figure 12



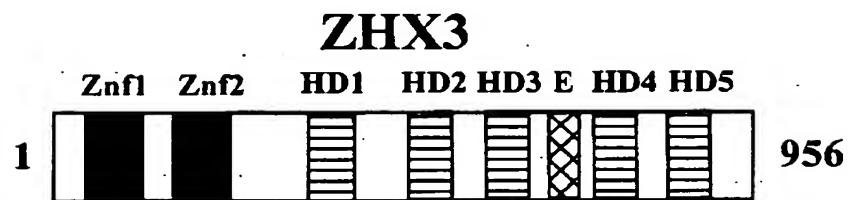
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Figure 13



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Figure 14



DD 242 — 488

ID 242 — 488

RD 303 — 502

NLS1 1 — 107

NLS2 497 — 555